

**AKANKSHA ANALYTICAL & RESEARCH LAB**

Environment Laboratory Recognized by MoEF, Govt. New Delhi,  
Under E.P. Act 1986, vide GR No. S.O. 1680 (E) Sr. No. 63  
An ISO 9001:2008, OHSAS18001:2007 Certified company  
Approved from "AGMARK" Vide fileNo.11036/15/99/Lab./2727

**SAMPLING REPORT  
(AMBIENT AIR QUALITY ANALYSIS)**

Name of the Customer	Shree Datta Sakhar Karkhana (A Unit of Dalmia Bharat Sugar Industries Ltd) A/P Asurle Porle Taluka Panhala Dist Kolhapur.
Inward No Date Of Sampling	AL/5-532/1/17-18 05/01/2017
Outward No. Date Of Report	AL/TR/10-114/17-18 08/01/2017
Application	Boiler / ESP
Location of Sampling	SAMPLING STATIONS are as follows 1. Near office 2. Near Boiler 3. Near security office 4. Near Distillery house

	LOCATION OF SAMPLING	STATION I	STATION II	STATION III	STATION IV
Sr.	PARAMETERS				
01	Location of Sampling	1	2	3	4
02	Sampling Date	05/01/2017			
03	Ambient Temperature Deg C	31.0			
04	Initial flow rate for sampling M3/Min	1.61	1.63	1.70	1.61
05	Final flow rate for sampling M3/Min	1.56	1.52	1.61	1.54
06	Sampling Duration in Min.	1440	1440	1440	1440
07	Total air volume sampled in M3	2296	2282	2397	2232
08	Particulate Matter (PM 10) µg/Nm3	77.2	80.6	81.2	80.1
09	Particulate Matter (PM 2.5) µg/Nm3	30.4	32.1	31.2	34.1
10	Sulfur Oxides (SO2) in µg/Nm3	24.4	30.1	31.6	32.1
11	Nitrogen Oxides ( NOx) in µg/Nm3	22.0	20.5	23.8	24.6
12	CO µg/Nm3	112	119	124	135
13	HC (Methane) µg/Nm3	BDL	BDL	BDL	BDL

Sampling conducted as Time Weighted Average 24 Hours.

For Akanksha Analytical & Research Lab

(Lab In Charge)